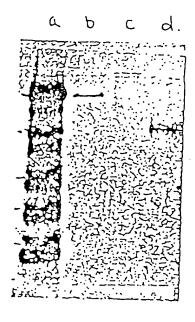


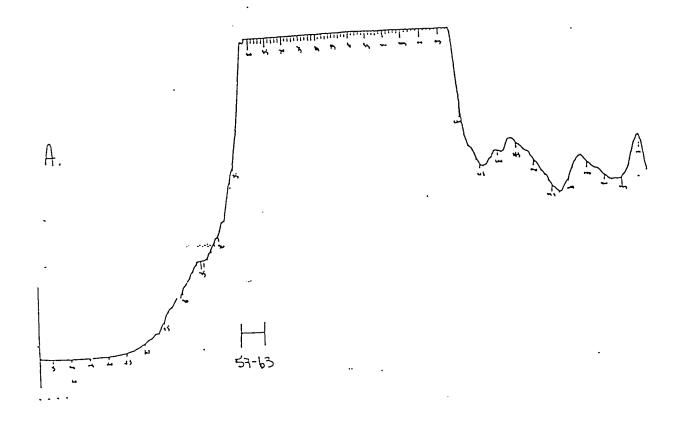
b. a. ⊖

F16 2



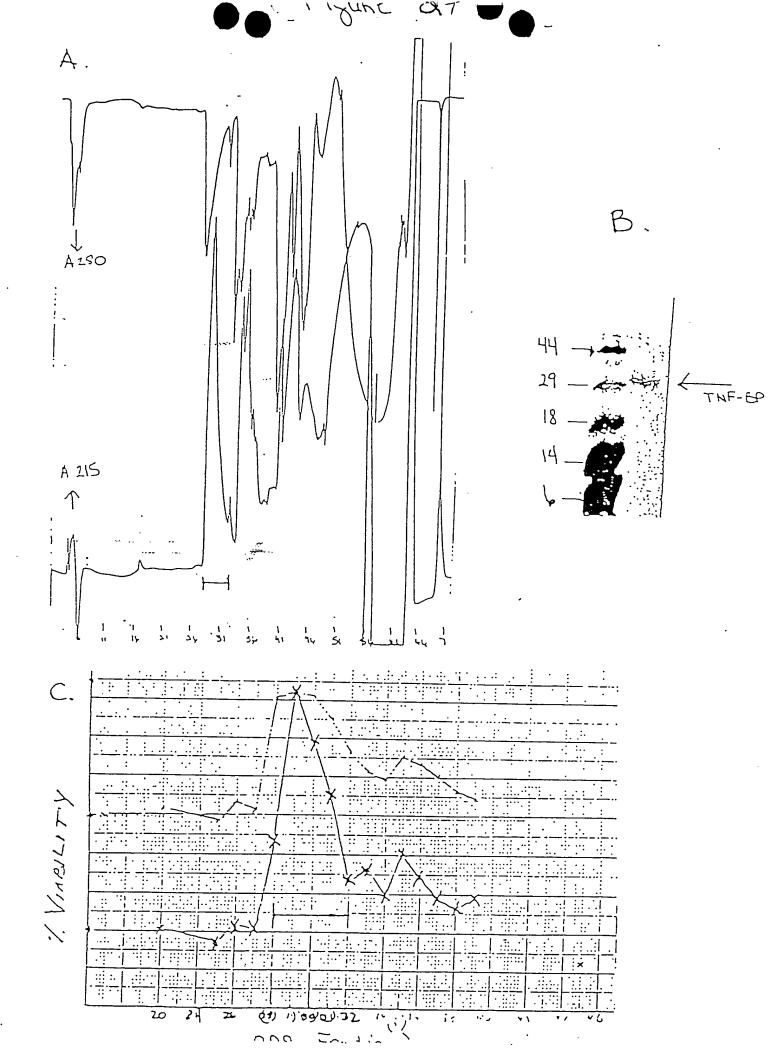
a b c d.

Figure 6

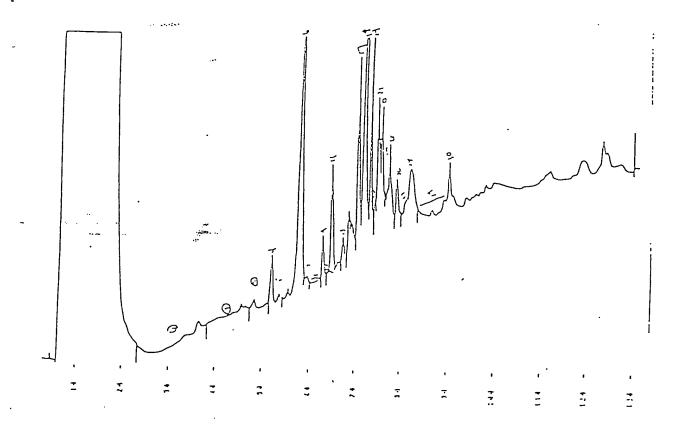


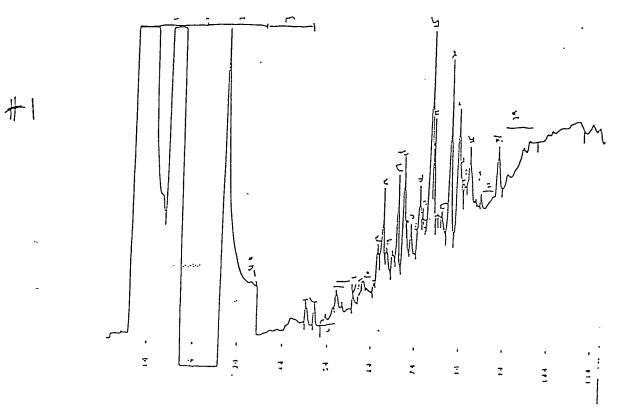
F16. 25

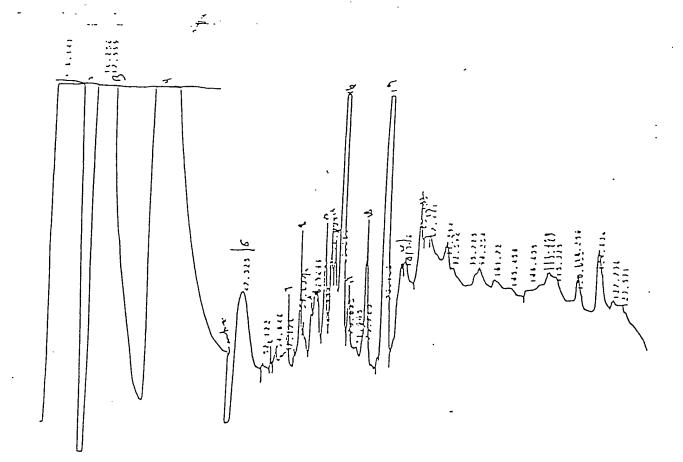
(25mm TRW, PH 7.5)



F16.28A







#2

10 29 31) 40 . 50 €.8 i0 7 8 \$3 90 100 110 F16.30a

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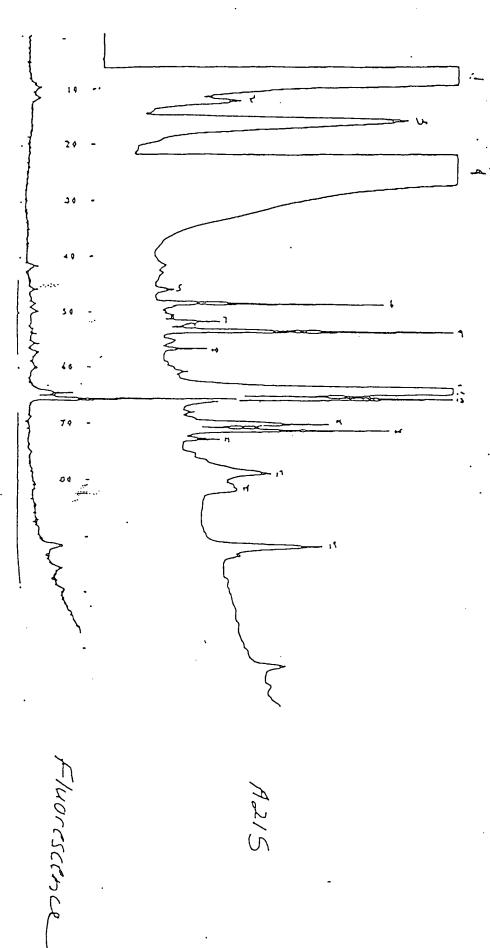


Figure 3/

(E) KONIVETCHAGIFLREMECYSC(L) MC(T) (T) (C) (L) (K) (E) (t) [M C O Y E I S S C I V D R B I V C C C R K M (C) (T) (t) (N) (T) _ (0) (E) (S) LECTELCLPOTET_(S) (N) P.(S) (A) (O) ບ່ Β.

610 6M AIC VII 011 114

F16.32

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KONTYCICHAGIILAENECVSC LECTRICLPOTEX φ Υ C C C R K R

125_{I-TNF}/TNFBP Complex

Lane 1 ia a positive control. Purified TNF-BP complexed with 125I-TNF. Lane 2-5 are protein from the 24, 48, 72, and 96 hour incubations with PMA/PHA that did not bind to the TNF-affinity column. Lane 6-9 are the material from the same incubations that did bind to the TNF-affinity column.

25 26 27 28 29 30 3132 33 34 35 + -

Fractions 27, 28 and 29, 33 and 34 show TNF binding activity. \div is as lane 1 of figure 15. - is 125I-TNF alone.

NO РМА/РНА

РМА/РНА

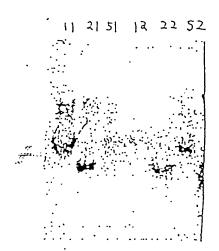
1 hr 17hr

9.49 кв

7.46

4.4

2.3



Asp Ser Val Cys Pro Gin Gly Lys Tyr 11e His Pro Gin Ren Ren Ser 11e Cys Cyx Thr

Lys Cys His Lys Giy Thr Tyr Lou Tyr Asn Asp Cys Pro Gly Pro Gly Gin nxp Tnr Axp

Cys Arq Giu Cys Giu Ser Gly Ser Phe Thr Ala Ser Glu Axn His Leu Arq His Cys Leu

For Cys Ser Lys Cys Arg Lys Glu Het Gly Gin Val Giu 11e Ser Sor Cys Thr Val Asp

Arg Ass Thr Val Cys Gly Cys Arg Lys Glu Het Gly Gin Tyr Arq His Tyr Trf Ser Glu Ash Leu

Phe Gin Cys Phe Ash Cyx Ser Leu Cys Leu Axh Gly Thr Val His Leu Ser Cys Gin Gill

Lys Gin Ash Thr Val Cys Thr Cys His Ala Gly Fhe Phe Leu Arg Giu Ash Giu Cys Val

Sar Cys Ser Ash Cys Lys Lys Ser Leu Giu Cys Ihr Lys Leu Cys Leu Pro Gin 11e Giu

150

Sar Cys Ser Ash Cys Lys Lys Ser Leu Giu Cys Ihr Lys Leu Cys Leu Pro Gin 11e Giu

151

Sar Cys Ser Ash Cys Lys Lys Ser Leu Giu Cys Ihr Lys Leu Cys Leu Pro Gin 11e Giu

151

152

GAT AGT GTG TGT CCC CAR Asp Ser Val Cys Fro Gln

			Asp Ser	Val Cys fro Gln
214	323	332 .	341	350 359
GGA AAA TAT ATC CA	C CCT CAA AAT	AAT TEG ATT	TEC TET ACC	\'G \
Gly Lys Tyr Ile Hi	s Pro 61n Asn	Asn Ser Ile	Cys Cys Thr L	ys Cys Hia Lys
Jod	377	386		
662 ATC TOC TIC TO	- 			
GSA ACC TAC TTG TAI Gly Inc Tyr Leu Tyr	r Asn Asn Cvs	CCA GGC CCG	GGG CAG GAT A	CG GAC TEC AGG
		110 619 776	pià più Hab 1	hr Asp Cys Arg
	a431			58 467
GAG TOT GAG AGC GGC	TCC TTC ACC	GCT. TCA GAA	AAC CAC CTC A	50 CAC TCC CTC
Glu Cys Glu Ser Gly	Ser Pha Thr	"Ala 'Ser' Glu	Asn His Leu A	rg"His Cys Leu
476	,	_		12 521
AGC TGC TCC AAA TGC Ser Cys Ser Lys Cys	CGA AAG GAA	ATG GGT COG	GTC COC OTO T	
Ser Cys Ser Lys Cys	Arg Lys Glu	MET Gly Gln	Val Glu Ile S.	ET TOO ACA
530 1	539		•	. 521 273 1111
				56 575
GTG GAC CGG GAC ACC	STG TGT GGC	TGC AGG AAG	AAC CAG TAC CO	G CAT TAT TEG
Val Asp Arg. Asp Thr	Astrucka BlA	Cys Arg Lys A	Asn Gln Tyr Ar	g His Tyr Trp
584	593	602 á	511 63	°0 629
AGT GAA AAC CTT TTC Ser Glu Asn Leu Phe	CAG TEC TTC	PAT TEC ACC -		
Ser Glu Asn Leu Phe	Gin Cys Fine f	Asn Cys Ser L	.TL 160 DID AA .eu Cys Leu As	T GGG ACC GTG
•	_	J	65 67	
CAC CTC TCC TGC CAG His Leu Ser Cys Glo	GAG AAA CAG A Glu lym Glo A	ACC STS T	GC ACC TGC CA	GCA GGT TTC
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			19 729	
TTT CTA AGA GAA AAC	GAG TGT GTC T	CC TGT AGT A	AC TGT AAG AAG	AGC CTG GOB
fine Lew Arg Glu Asn	Glu Cys Val S	er Cys Ser A:	sn Cys Lys Lys	Ser Leu Glu
		64		
TEC ACE AAS TTE TEC	CTA CCC CAG A	TT GAG OOT	·	
Cys Tor Lys Lau Cys !	Leu Pro Gln I	le Glu Aan ::	· · · · ·	
	•. • •	Ĭ. ·	•	

Figure 39.

BAT CACTEGG ACCAGGCCGT GATETCTATG CCCEAGTCTC ACCCTCAAC TGTCACCCCA AGGCACTTEG

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		207	7		216	•		225	•		234	}		243	;		252	
CTG Leu	CCG Pro	CTG	GTG Val	CTC Leu	CTG	GAG Glu	CTG Leu	Leu	GTG Val	GGA Gly	ATA Ile	TAC	CCC Pro	TCA	GGG	GTT Val	ATT	
		261			27ů			279			288	· . –		297			305	
GGA Gly	CTG Leu	GTC Val	CCT Pro	CAC His	CTA Leu	GSG Gly	GAC Asp	AGG Arg	GAG Glu	AAG Lys	AGA Arg	GAT Asp	AGT Ser	GTG Val	TGT Cys	CCC Pro	CAA	
		315	ı		324	-		333			342	:		351			360	
GGA Gly	AAA Lys	TAT Tyr	ATC	CAC	CCT Pro	CAA Gla	AAT Asn	AAT Asn	TCG Ser	ATT Ile	TGC Cys	TGT Cys	ACC Thr	AAG Lys	TGC Cys	CAC	AAA Lys	
		369 		•	378			387			396			405			414	
GGA Gly	ACC Thr	TAC	TTG Leu	TAC Tyr	AAT, Asñ	OAD Asp	TGT Cys	CCA Pro	GGC Gly	CCG fro	666 61y	CAG Gln	GAT Asp	acc Thr	GAC Asp	TGC Cys	AGG Arg	•
		423		•	432			441			450			459			468	
GAG Glu	TGT Cys	GAG Glu	AGC Ser	GGC Gly	TCC Ser	TTC Phe	ACC Thr	GCT Ala	TCA Ser	GAA Glu	AAC Asn	CAC His	CTC Leu	AGA Arg	CAC His	TGC Cys	CTC Leu	
		477			486			495			504			513			522	
AGC Ser	TGC Cys	TCC Ser	AAA Lys	TGC Cys	CGA Arg	AAG Ly≤	GAA Glu	ATG MET	GGT Gly	Gln Gln	GTG Val	GAG Glu	ATC Ile	TCT Ser	TCT Ser	TGC Cys	ACA Thr	
		531			54Ů	٠		549	•		558			567			576	
GTG Val	GAC Asp	CGG Arg	GAC Asp	ACC Thr	GTG Val	TGT Cys	GGC Gly	TGC Cys	AGG Arg	AAG Lys	JAA neA	CAG Gln	TAC Tyr	CGG Arg	CAT His	TAT Tyr	TGG Trp	
		585			594			503			612			621			0 26	
AGT Ser	GAA Glu	AAC Asn	CTT Leu	TTC Phe	CAG Gln	TGC Cys	TTC Phe	AAT Asn	TGC Cys	AGC Ser	CTC Leu	TGC Cys	CTC Lau	AAT Asn	GG Y	ACC Thr	GTG Val	
		639			648			6 57			666			575			684	
CAC His	CTC Leu	TCC Ser	TGC Cys	CAG (GAG Glu	AAA Lys	CAG Gln	AAC Asn	ACC Thr	GTG Val	TGC Cys	ACC Thr	TGC Cys	CAT His	GCA Ala	GGT Gly	TTC Phe	

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TG Cy	C AC s Th	G AAG	G TT	5 TG(C'CT	A CCC	CAI	G AT	T GAG	AA, E	T GT:	F AAC	G GGC	ACT The	GAG	GAI As	TCA Ser
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66 61	C AC	E ACA	A GTO	CTC Lec	TTO Leu	G CCC	C CTC	GTO 1 Va	C ATT	TTC Phe	TTT Phe	617	CTT Leu	TGC	CTi	TT#	TCC Ser
 \$		855	5		964	;		973	5		883	?		891			900
E CT	C CTO	TTC 1 Phe	ATT	GGT	TTA "Let	A ATG	TAT	CGC	TAC	CAA Gln	C6G Arg	TGG	AAG Lys	TCC Ser	AAG Lys	CTC	TAC
-		909	>		91E	3		927	7		936			945			954
TC0 Ser	ATT	GTT Val	TGT	GGG Gly	AAA Lys	TCG Ser	ACA	CC1	GAA Glu	AAA Lys	GAG Glu	61 A	GAG Glu	CTT Leu	GAA Glu	GGA Gly	ACT
		963			972	•		981		ė	990			999			1008
ACT	ACT	AAG Lys	CCC	CTG Leu	GCC	CCA Pro	AAC Asn	CCA Pro	AGC Ser	TTC	AGT Ser	CCC Pro	ACT Thr	CCA Pro	GEC GEC	TTC Phe	ACC Thr
		1017			1026			1035			1044		١	1053			1093
CCC Pro	ACC	CTG Lëü	GGC Gly	TTC Fhe	AGT Se n	Pro	GTG Va!	CCC	AGT Ser	TCC Ser	ACC Thr	TTC Phe	ACC Thr	TCC Ser	AGC Ser	TCC Ser	ACC Thr
		1071			0801			1039			1098			107			1719
TAT Tyr	ACC Thr	CCC Pro	GGT Gly	GAC Asp	TGT	CCC Pro	AAC Asn	TTT Phe	GCG Ala	SCT Ala	CCC Pro	CGC Arg	AGA Arg	GAG Glu	GTG Val	GCA	CCA Pro
		1125			1134			1143			1152			151			1170
CCC Pro	TAT Tyr	CAG Gln	ej A eee	GCT Ala	GAC Asp	CCC Pro	ATC Ile	CTT Leu	GCG Ala	ACA Thr	GCC	CTC Leu	GCC Ala	TCC Ser	GAC Asp	CCC Pro	ATC Ile
		1179			188			197			.206			215			1224
CCC Pro	AAC Asn	CCC Pro	CTT	CAG Gln	AAG Lys	TGG	GAG Glu	GAC Asp	AGC Ser	GCC Ala	CAC His	AAG Lys	CCA Pro	CAG Gln	AGC Ser	CTA Leu	GAC Asp
•	-	1233		1	242		1	.251		1	260		7	269		1	278
ACT Thr	GAT	GAC Asp	CCC Pro	GCG Ala	ACG Thr	CTG Leu	TAC Tyr	GCC Ala	GTG Val	GTG Val	GAG Glu	AAC Asn	GTG Val	CCC Pro	CCG Pro	TTG Leu	CGC Arg
	1	287		1	296		1	305		1	314		1.	222		1	332
													GAG A				

SAG CTG CAG AAC GGG CGC TGC CTG CGC GAG GCG CAA TAC AGC ATG CTG GCG ACC Glu Leu Gin Asn Gly Arg Cys Leu Arg Glu Ala Gln Tyr Ser MET Leu Ala Thr

TGG AGG CGG CGC CGG CGC GAG GCC ACG CTG GAG CTG CTG GGA CGC GTG Trp Arg Arg Arg Thr Pro Arg Arg Glu Ala Thr Leu Glu Leu Leu Gly Arg Val

CTC CGC GAC ATG GAC CTG CTG GGC TGC CTG GAG GAC ATC GAG GAG GCG CTT TGC Leu Arg Asp MET Asp Leu Leu Gly Cys Leu Glu Asp Ile Glu Glu Ala Leu Cys

GGC CCC GCC GCC CCC GCG CCC AGT CTT CTC AGA TGA GGCTGCGCCC CTGCGGGCAG Gly Pro Ala Ala Leuxfro Pro Ala Pro Ser Leu Leu Arg .

1576 1586 1596 1606

CTCTAAGGAC CGTCCTGCGA GATCGCCTTC CAACCCCACT TTTTTCTGGA AAGGAGGGGT CCTGCAGGG

CAAGCAGGAG CTAGCAGCCG CCTACTTGGT GCTAACCCCT CGATGTACAT AGCTTTCTC AGCTGCCTGC

1716 1726 1736 1746

SEGECEGEGA CAGTEAGEGE TETGEGEGEG GAGAGAGGTG CGCCGTGGGC TCAAGAGCET GAGTGGGTGG

1806 - 1816

TTTGCGAGGA TGASGGACGC TATGCCTCAT GCCCGTTTTG GGTGTCCTCA CCAGCAAGGC TGCTCGGGGG

1866 1876

TGTTTTTAAA TCAATCATGT TACACTAATA GAAACTTGGC ACTCCTGTGC CCTCTGCCTG GACAAGCACA

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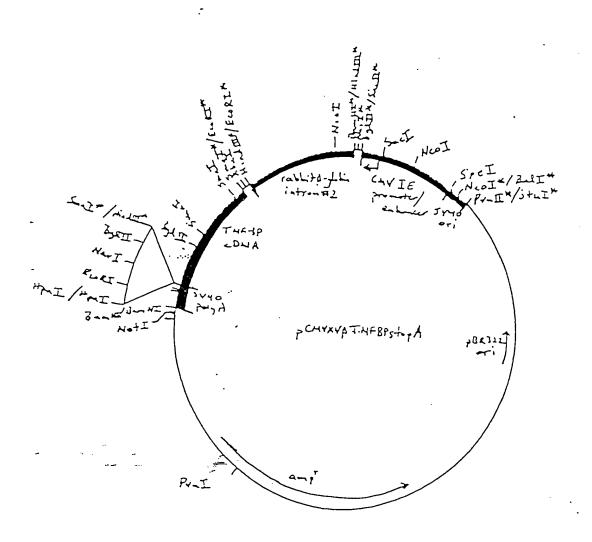
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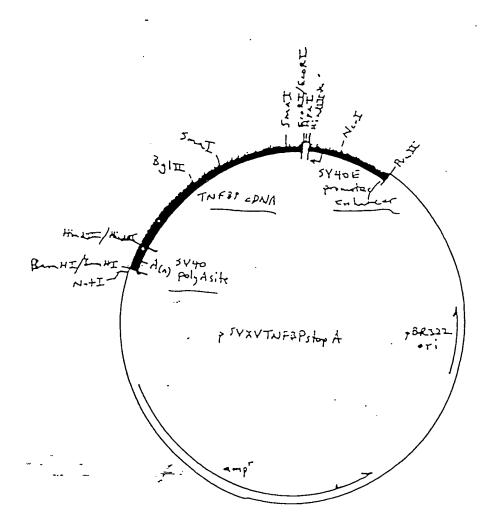
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Start gene 10 protein sequence ATG GCT AGC ATG ACT GGA CAG CAA ATG GGT ACG GAT CCG ATC TTG GAG GAT GAT TAA Met Ala Ser Met Thr Gly Gly Gln Gln Met Gly Thr Asp Pro Ile Leu Glu Asp Asp Stop Translational coupler

ATG GAC AGC GTT TGC CCC. Het Asp Ser Val Cys Pro Start TNF inhibitor Sequence



* indicates restrictaisite a longer exists.



x - restriction site no longer exists:

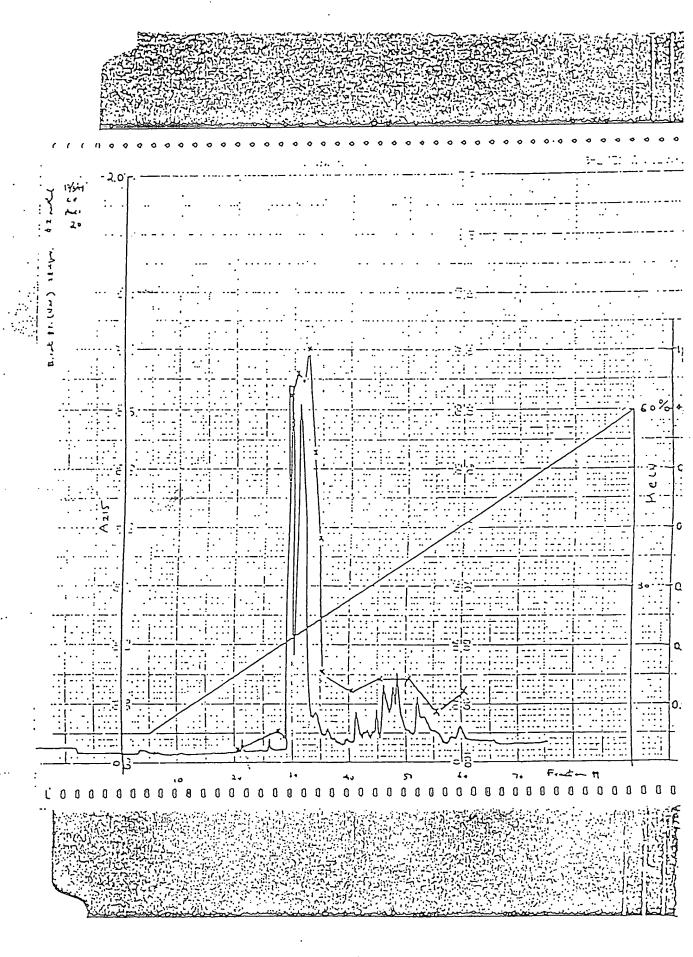
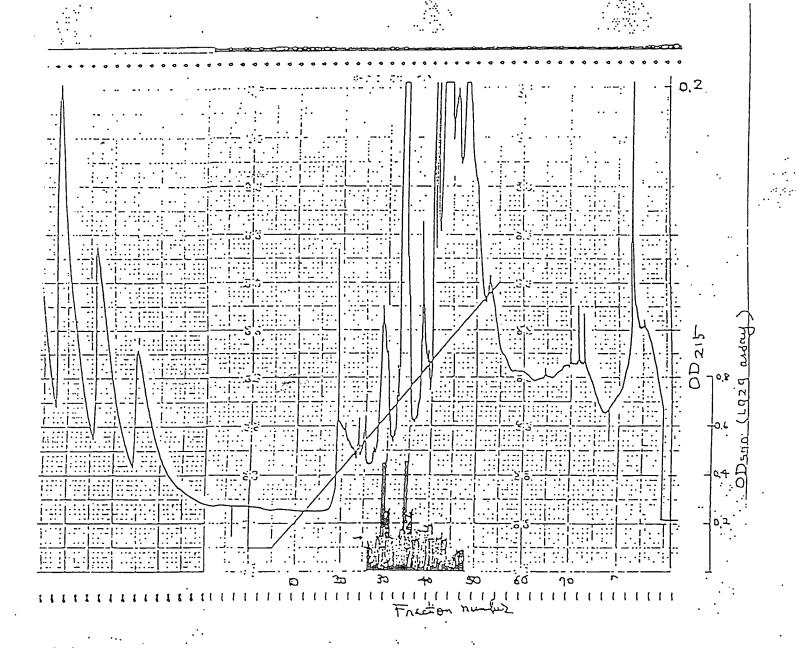
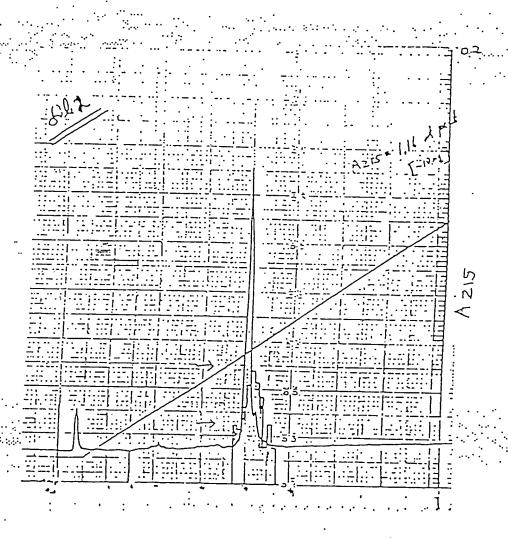


Figure HH



 $43^{-2} \rightarrow 43^{-2} \rightarrow 43^{$

Fig: 47



34 33 32 31 30 Q9

- 30 KD

- 18 KD

- 18 KD

......

U937-derived TNF-INH1 (30 kDa)

U939-derived TNF-INH2 (40 kDa)

Urine-derived TNF-INH2 (40 kDa)

Ala-Gln-Val-Ala-Phe-Thr-Pro-Tyr-Ala-Pro-Glu-Pro-Gly-Ser-Thr-Cys-()-Leu-()-Glu

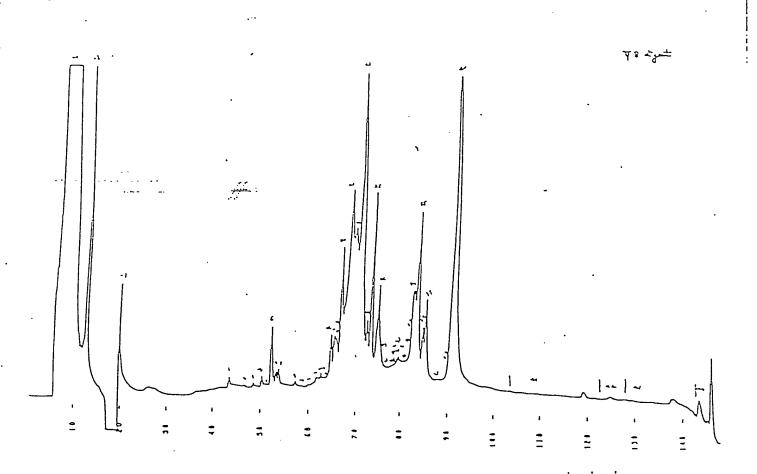
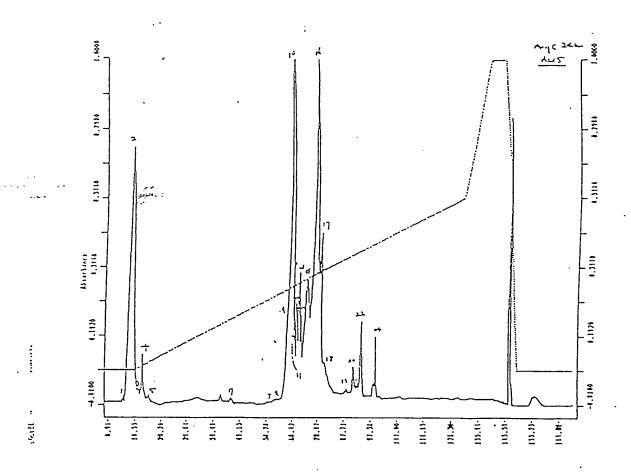
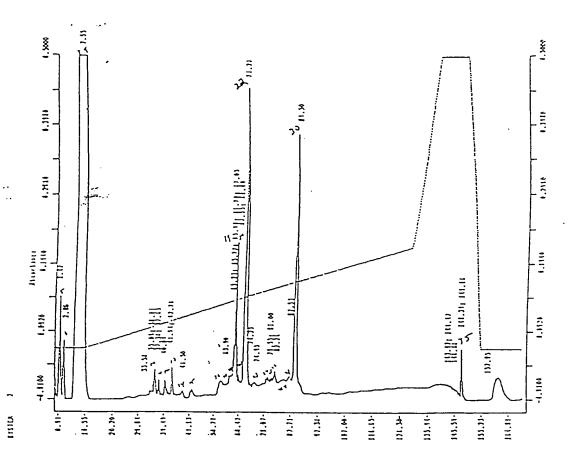


Figure 51.





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1 H A A	<u>]</u>	RILTSOY
, 100 г Астибони стсярсичсь 12 хо	110 12 CCR LCAP LAXCAP GTGVAR PGTETS DVVCK PCAPGTFS	150 : _ T T S S(TJOZINZP)
N 2 3	V 20	
·	R16 T13	
Λιο	Aio-Ciq Rio C 32	A10 C17

5' - CCG

5:	≓ .		ó·	}		73	5		62	?		51			100		
GA6 GIL	Fra	GC3	AGC Sec	Thr	TGE	CGG Arg	CTC Leu	AGA Arg	GAA Glu	TAC	TAT Tyr	GAC Asp	CAS	Thr	419 419	61n	ATG MET
てゆさ	•		113			127			136			145			154		
TGC	TGC	AGC Ser		T3C Cys	TCG	CCS Pro	617 60C	CAA	CAT His	GCA Ala	AAA Lys	GTC Val	TTC Pho	TüT	ACC Thr	HAG Lys	ACC Thr
163			172			191			140			199			30B		
TCE Ser	JA D C, E 4	ACC Thr	G73	TGT Cy:	SAC Asp)'CC Ser	TGT Cys	670 670	GAC H=P	AGC Ser	HCA Thr	TAC Tyr	ACC Thr	C:-16 G1r.	CTC Leu	766 Trp	AAC Aan
217			226			235			244			25J			262		
TGG Trp	GTT Val	CCC Fro	GAG G1u	TGC Cys	TTG Leu	HGC Ser	TGT Cya	GGC GGC	TCC Ser	CGC Arg	TGT Cys	ÄGC Ser	TCT Sar	GAC Asp	CAG CAG	GTG Val	GAA Glu `
271			280			239			298			3 0 7		:.	319		•
ACT Thr	CAA	6CC 229	TGC Cys	ACT Thr	CGG Arg	ejn eyy	CAG Gln	AAC Asn	īGC Arg	ATC Ile	TGC 29T	ACC Thr	TBC Cys	AGG Arg	CCC Pro	GGC	TGG Trp.

325

TAY TGC ~ 3

Figure 57

Leu Pro Ala Glm Val Ala Phe Thr Pro Tyr Ala Pro Glu Pro Gly Ser Thr Cys Arg Leu Arg Glu Tyr Tyr Asp Gln Thr Ala Gln MET Cys Cys Ser Lys Cys Ser Pro Gly Gln His Ala Lys Val Phe Cys Thr Lys Thr Ser Asp Thr Val Cys Asp Ser Cys Glu Asp Ser Thr Tyr Thr Gln Leu Trp Asn Trp Val Pro Glu Cys Leu Ser Cys Gly Ser Arg Cys Ser Ser Asp Gln Val Glu Thr Gln Ala Cys Thr Arg Glu Gln Asn Arg Ile Cys Thr Cys Arg Pro Gly Trp Tyr Cys Ala Leu Ser Lys Gln Glu Gly Cys Arg Leu Cys Ala Pro Leu Arg Lys Cys Arg Pro Gly Phe Gly Val Ala Arg Pro Gly Thr Glu Thr Ser Asp Val Val Cys Lys Pro Cys Ala Pro Gly Thr Phe Ser Asn Thr Thr Ser Ser Thr Asp Ile Cys Arg Pro His Gln Ile Cys Asn Val Val Ala Ile Pro Gly Asn Ala Ser Arg Asp Ala Val Cys Thr Ser Thr Ser Pro Thr Arg Ser MET Ala Pro Gly Ala Val His Lau Pro Gln Pro Val Ser Thr Arg Ser Gln His Thr Gln Pro Thr Pro Glu Pro Ser Thr Ala Pro Ser Thr Ser Phe Leu Leu Pro MET Gly Pro Ser Pro Pro Ala Glu Gly Ser Thr Gly Asp

60 90 101 110 119 CAACCEGACC CESCUCUCAC CE ATG GCG CCC GTC GCC GTC TGG GCC GCG CTG GCC MET Ala Pro Val Ala Val Trp Ala Ala Leu Ala 128 -137 146 135 GTC GGA CTG GAO CTC TUG GCT GCO GCG CAC GCC TTG CCC GCC CAG GTB GCA TTT Val Bly Leu Blu Leu Trp Ala Ala Ala His Ala Leu Pro Ala Gin Val Ala Phe 200 207 219 NCA CCC TAC GCC CCG GAG CCC GGG ABC ACA TGC CGG CTC AGA GAA TAC TAT GAC The Pro Tyr Ala Pro Glu Pro Gly Bur The Cya Arg Leu Arg Glu Tyr Tyr Aap 245 254 292 272 CAG ACA GET CAG ATG TGC TGC AGC AAU TGC TCG CCG GGC CAA CAT GCA AAA GTC Gin The Ala Gin nET Eye Eye Ber Lyn Eye Ser Pro Gly Gin His Ala Lye Val 290 299 317 TTC TOT ACC AAD ACC TEG DAC ACC DTG TGT BAC TEC TGT BAG BAC AGC ACA TAC fine Cye The Lye The Ger Amp The Val Cye Amp Fee Cye Glu Amp Ger The Tyr 389 ACC CAG CTC TOO AND THE BOT CCC GAG TOO THE AGC TOT GGC TEC CGC TGT AGC The Gin Leu Trp Aon Trp Val Pro Glu Cys Leu Sor Cya Gly Ger Arg Cya Ner 407 TOT GAC CAO GTG GAA AUT CAA GCC TGC ACT CGG GAA CAG AGC CGC ATC TGC ACC Sor Asp Gin Val Giu The Gin Ala Cys The Arg Giu Gin Ash Arg Ile Cys The 470 479 TEC AGO CCC GGC TGO TAC TGC GCO CTG AGC AAG CAO GAG GGG TGC CGO CTG TGC Cys Ary Pro Bly Trp Tyr Cys Ala Lau Sar Lys Bin Giu Bly Cys Arg Lau Cys ೨೦೦ 324 GCG CLG CTG CGC AAG TGC CGC CCG GGC TTC GGC GTG GCC AGA CCA GGA ACT BAA Ala Pro Leu Arg Lys Cye Arg Pro Gly Pne Gly Val Ala Arg Pro Gly Thr Glu ٥مد 569 373 **587** 596 ACA TCA GAC GIU GTG 1GC AAG CCC TGT GCC CCG GGG ACG TTC TCC AAC ACG AUT The Ser Asp Val VI Cys Lye Pro Cys Ala Pro Gly The Phe Ser Ash The The 952 614 432 659 TCA TCC ACU GAY ATT TUE AGG CEC CAC CAG AYE TGT MAC GTO GTG GCC ATC CCT Ser Ser Inc Amp Ile Cym Aro Pro His Gin Ile Cym Asn Val Val Ala Ile Pro 704 A S S 695 GES AAT GEA AGE AGE GAT BEA GTE TEE AEG TEE ACE TEE, CEE AEC CES AGT ATE Gly Aun Ala Ser Arg Asp Ala Val Cya The Ser The Ser Pro The Arg Ser HET BUC ECA GUB GEA STA EAC TTA CEC CAG CEA GTG TEC ACA CUA TEC CAA CAC ACU Ala Pro Gly, Ala Val Him Lau Pro Bin Pro-Val Sor Thr Arg Ser Bin Him Thr 794 803 CAG CCA ACT ECA GAA ECC AGC ACT GCT ECA AGE ACC TCC TTC CTG CTC CCA ATG Gin fro Thr fro Giu fro Bor Thr Ala fro 6or Thr Sor Phe Leu Leu fro mil 630 **629** -4· > 860 GGC CCC ASC CCC CCA GCT GAA GGG AGC ACT BCC GAC TTC GCT CTT CCA GTT GGA Gly Pro Ser Pro Pro Ala Glu Gly Sor Thr Gly Amp Phe Ala Leu Pro Val Gly 893 ' 402 911 920 CTG ATT GTO GGT GTG ACA GCC TTG GGT CTA CTA ATA ATA GGA GTG GTG AAC TGT Lou lie Val Bly Val Thr Ala Lou Bly Leu Leu lie Ile Gly Val Val Aon Cye 917 958 965 974 GTC ATC ATG ACC CAG GTG HAA AAG AAG CCC TTG TGC CTG CAG AGA GAA GCC AAG Val 114 MET The Gin Val Lys Lys Pro Leu Cye Leu Gin Arg Giu Ala Lys , 1010 992 1019 1629 1037 GTR CCT CAC TTG CCT GCC GAT AAD BCC CGG GGT ACA CAG REC CCC GAS CAG CAG tal Aro Ho Les Pro Ha Asp Lys Ha Arg Ely The Bin Bir Pre Biu sin Gin

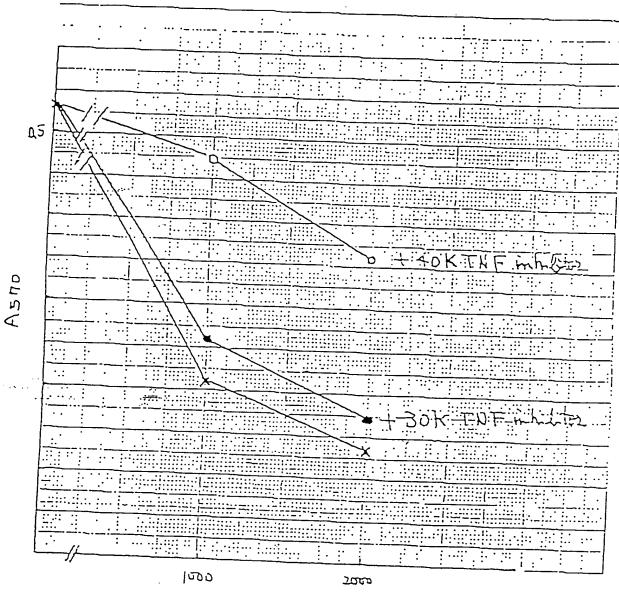
Figure

58

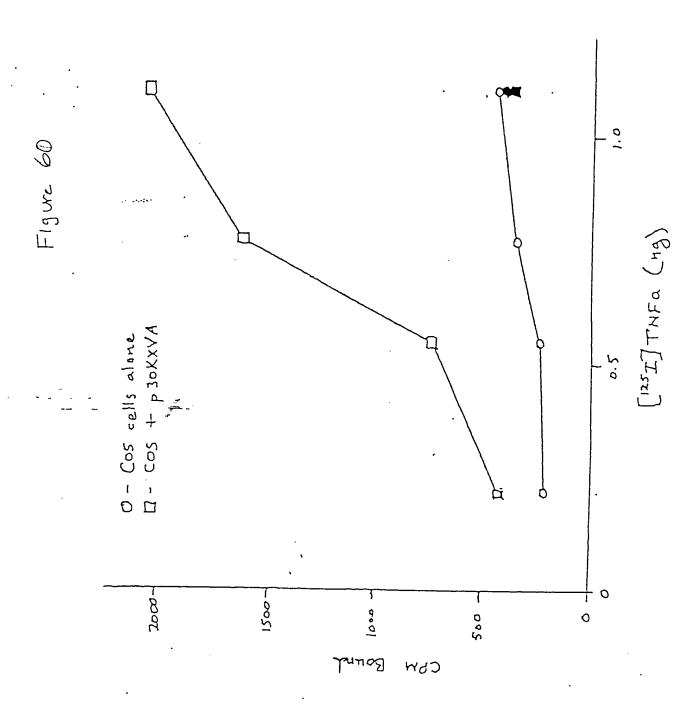
TA GEG CEG AGE TEC AGE AGE AGE TEE ETG CAC CIG CTG . His Lau Lau Ile The Ala Pro Ser Ber Sor Ber Ser Ser Lau Glu AGT GCG TTB GAC AGA AGG GCG CCC ACT CGU AAC CAG CCA CAG GCA CCA GOC GTG Ser Ala Lau Asp Arg Arg Ala fro Thr Arg Aen Gin Pro Gin Ala Pro Gly Val GAG GCC AGT GGG GCC GGG GAG GCC CGG GCC AGC ACC GGG AGC TCA GAT TCT TCC Glu Ala Ser Gly Ala Gly Glu Ala Arg Ala Ser Thr Gly Ser Ser Asp Ser Ser CCT GGT GGC CAT GGG ACC CAB BTC AAT UTC ACC TGC ATC GTU AAC BTC TBT AGC Pro Dly Gly His Gly Thr Bln Val Ash Val Thr Cys 11e Val Ash Val Cys Ser AGE TOT GAC CAC AGO TUA CAD TOC TOC TOC CAA GOO AGO TOU ACA ATO GGA GAC Sor Ger Amp Him Ser Ser Gin Cym Ger Ser Gin Ala Ser Ber Thr HET Gly Amp ACA GAT TEC AGE CEC TEG GAG TEC CEG ANG GAC GAG CAG BTC CEC TTC TEE AAG The App Ser Bur Pro Ser Glu Ber Pro Lys Asp Glu Oln Val Pro Phe Ser Lys GAG GAA TOJ, GCC TTT CGG TCA CAG CTG GAG ACG CCA GAG ACC CTG CTG GGG AGC Blu Glu Cye Ala Phe Arg Ser Gln Leu Glu Thr Pro Glu Thr Leu Leu Gly Ser NCC GAA GAD AAB CCC CTG CCC CTT GGA GTG CCT GAT GCT GUB ATG AAB CCC AGT The Glu Glu Lyo Pro Lau fro Lau Gly Val Pro Asp Ala Gly mET Lys fro Ser TAA CCASGCCGGT GTGGGCTGTB TCGTAGCCAA GGTGGGCTBA GCCCTGGCAG GATGACCCTG CCANGGIGGE ETGGTECTTE CAGGEECECA CCACTAGGAC TETGAGGETE TITETGGGE AAGTTECTET ... AGTGCCETCO ACAGCÉGEAG ECTECETOTG ACCTGEAGGC CAAGAGCAGA GGCAGEGGT TGTGGAAAGC 16G8 ETETOCTOCE ATOCTOTOTE CETETOUGAA GARTHUETOS OCATOGACOT TEGOGÓCATO ETGOGÓCAAG TECCTUACTO TOTGTGACOT GCCCCGCCCA GCTGCHCCTB CCAGCCTGGC TTCTGGAGCC CTTGGUTTTT :038 HIGHTISTIT STITSTITIST TISTITISTIT CICCOCCTED SCICTSCEC ASCICTSGET TECASAAAC CCCAGCATCC TTTTCTGCAG AGGUGCTTTC TUGAGAGAGAG GGATGCTGCC TGAGTCACCC ATGAAGACAG 196B DACASTECTI CAGCCTEASO CTBASACTEC UBGATESTEC TUDGGCTCTO TECAGBBAGO ABBTGGCAGC 205a ECTUTAGUGA ACUNGUTCOT TUANGTTAGO TOAGGARGOOT TEGANAGUAT CACCTOAGGO CACTETOLUC ACCCCCATTT ARACTETTTA TETECCARAT GOGRATATAR GRACETUTEC TITETATERE ARAGGORAGAT

TGTGAGCAAG AGUUCAATTA ATAATHATGO CCAAATAATT AAAAAAAACCG AATTC

Figure 58 cont

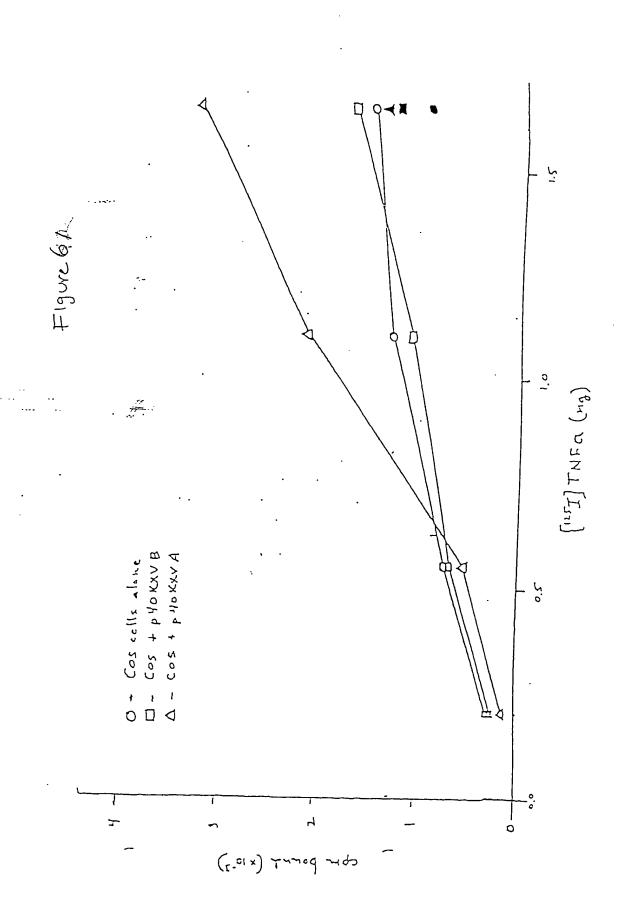


THE-Sita (mu)
Figure 59



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Traction number

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